10.4



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 10

1200 Sixth Avenue Seattle, Washington 98101

June 17, 1993

#### MEMORANDUM

SUBJECT: Location of Additional Yakima Pesticide Lab Deletion Supporting Documents

Please find the Administrative Record Index attached. The Administrative Record includes supporting documents that were used in the decision for no further remedial action at the Yakima Pesticide Lab Site. Copies of the Administrative Record may be found at the following locations:

United States Environmental Protection Agency, Region 10 Hazardous Waste Division - Records Center, 1200 6th Avenue, Seattle, Washington 98101.

Washington Department of Ecology, Central Regional Office, attn: Michelle Slater, 106 South 6th Avenue, Yakima, Washington 98902.

FOR FURTHER INFORMATION CONTACT: Sean Sheldrake, U.S. EPA Region 10, 1200 6th Avenue, Seattle, Washington 98101. (206) 553-1220.





06/24/93 U. S. Environmental Protection Agency, Region 10 Page 1

## PESTICIDE LABORATORY YAKIMA (YARL) - A/R INDEX

HEADING: 1. 0. . SITE IDENTIFICATION

Background SUB-HEAD: 1. 1. .

1. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends

DATE: 06/02/88 PAGES: 150

AUTHOR: Jacobs Engineering Group Inc./Environmental Systems Division

ADDRESSEE: /

ESCRIPTION. TES IV, Final Report, BCDA Facility Assessment Yakima

Agricultural Research Laboratory

SUB-HEAD: 1. 2. . PA/SI

Frame Begins 1 Ends 1. 2. . - 0000001 Microfilm Reel 1

DATE: 06/29/82 PAGES: 10 AUTHOR: Ecology and Environment Inc./

ADDRESSEE: EPA/

DESCRIPTION: Potential Hazardous Waste Site, Site Inspection Report

1. 2. . - 0000002 Microfilm Reel Frame Begins 1 Ends 1

DATE: 07/08/82 PAGES: 12

AUTHOR: Jacqueline Betz/Ecology and Environment, Inc.

ADDRESSEE: John Osborn/EPA

DESCRIPTION: Background information about the site; water well reports

HEADING: 2. 0. PROJECT PLAN

SUB-HEAD: 2. 1. Correspondence

Frame Begins 1 Ends 2. 1. . - 0000002 Microfilm Reel

DATE: 11/28/89 PAGES: 1

AUTHOR: Chuck Shenk/EPA

ADDRESSEE: Dennis Bowhay/Washington Dept. of Ecology

ESCRIPTION: Letter stating that the closure plan has been reviewed, that it

satisfies requirements, and it is ready for public notice

2. 1. - 0000001 Microfilm Reel Frame Begins 1 Ends 1

DATE: 01/30/90 PAGES: AUTHOR: Michael F. Gearheard/EPA

ADDRESSEE: Richard C. Bachman/U.S. Dept. of Agriculture

ESCRIPTION: Letter stating that no comments were received from the public on

the closure plan and that the plan may now be implemented

SUB-HEAD: 2. 2. . Project Plan

Frame Begins 1 Ends 1 2. 2. . - 0000001 Microfilm Reel

DATE: 05/14/90 PAGES: 123

AUTHOR: Alvin Humphrey/U.S. Dept. of Agriculture

ADDRESSEE: Debbie Robinson/EPA

ESCRIPTION: Letter transmitting draft Project Plan for Disposal of Hazardous

Waste Septic System

HEADING: 3. 0. CLOSURE PLAN

SUB-HEAD: 3. 1. Closure/Completion Reports

3. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends

DATE: 10/03/86 PAGES: 19 AUTHOR: David Homer/PRC Engineering

ADDRESSEE: Andy Boyd/EPA

DESCRIPTION: Transmits draft report on the technical review of the closure

plan

Frame Begins 1 Ends 3. 1. . - 0000021 Microfilm Reel

DATE: 11/20/87 PAGES: AUTHOR: Biospherics Incorporated/ ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Technical Proposal: Pre-Closure Site Investigation - Pesticide

Disposal Yakima Agricultural Research Center, Yakima, WA

3. 1. . - 0000022 Microfilm Reel Frame Begins 1 Ends 1

PAGES: 268 DATE: 12/23/88

AUTHOR: Stuart Z. Cohen, Joseph Senita, et al/Biospherics Inc.,

Sweet-Edwards/EMCON

ADDRESSEE: /

ESCRIPTION: Preliminary Soil and Ground Water Investigation of the United

States Department of Agriculture Research Laboratory In Yakima,

Washington

3. 1. . - 0000002 Microfilm Reel Frame Begins 1 Ends

PAGES: 70 DATE: 09/12/89

AUTHOR: Richard C. Bachman/U.S. Dept. of Agriculture

ADDRESSEE: Michael F. Gearheard/EPA

)ESCRIPTION: Transmits the revised proposed closure plan and comments

- 0000003 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/29/90 PAGES: 23

AUTHOR: Hong West & Assoc./

ADDRESSEE: U.S. Dept. of Agriculture/

ESCRIPTION: Monitoring Well Report, Yakima Agricultural Research Laboratory,

Closure of Hazardous Waste Septic System

3. 1. . - 0000004 Microfilm Reel Frame Begins 1 Ends 1

DATE: 10/01/90 PAGES: 9

AUTHOR: Alvin Humphrey/U.S. Dept. of Agriculture

ADDRESSEE: Debbie Robinson/EPA

DESCRIPTION: Transmits an informal "hot spot" pesticide detection sketch map

3. 1 - 0000005 Microfilm Reel Frame Begins 1 Ends

DATE: 10/10/90 PAGES: 162

AUTHOR: Hong West & Assoc./

ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Quarterly Ground Water Monitoring Report, Yakima Agricultural

Research Laboratory

3. 1. . - 0000006 Microfilm Reel Frame Begins 1 Ends 1

DATE: 01/23/91 PAGES: 62

AUTHOR: Hong West & Assoc./

ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Quarterly Ground Water Monitoring Report, Yakima Agricultural

Research Laboratory

3. 1. . - 0000007 Microfilm Reel Frame Begins 1 Ends

DATE: 04/12/91 PAGES: 82

AUTHOR: Gary Bruno/PRC Environmental Management, Inc.

ADDRESSEE: Marcia Bailey/EPA

DESCRIPTION: Transmits QAPjP for the Yakima Agricultural Research Laboratory

site

3. 1. . - 0000008 Microfilm Reel Frame Begins 1 Ends

DATE: 05/03/91 PAGES: 67

AUTHOR: Hong West & Assoc./

ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Quarterly Ground Water Monitoring Report, Yakima Agricultural

Research Laboratory

3. 1. . - 0000009 Microfilm Reel Frame Begins 1 Ends

DATE: 07/30/91 PAGES: 52

AUTHOR: Hong West & Assoc./

ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Quarterly Ground Water Monitoring Report, Yakima Agricultural

Research Laboratory

3. 1. . - 0000010 Microfilm Reel Frame Begins 1 Ends 1
DATE: 10/10/91 PAGES: 6

DATE: 10/10/91

AUTHOR: PRC Environmental Management Inc./

ADDRESSEE: EPA/

ESCRIPTION: Operation and Maintenance Inspection, Data Validation Report

3. 1. . - 0000011 Microfilm Reel Frame Begins 1 Ends 1

DATE: 10/10/91 PAGES: 56

AUTHOR: Gary Bruno/PRC Environmental Management Inc.

ADDRESSEE: Marcia Bailey/EPA

ESCRIPTION: Transmits Operation and Maintenance Inspection Report and

analytical data

3. 1. . - 0000012 Microfilm Reel Frame Begins 1 Ends 1

DATE: 11/01/91 PAGES: 67

AUTHOR: Hong West & Assoc./

ADDRESSEE: U.S. Dept. of Agriculture/

ESCRIPTION: Quarterly Ground Water Monitoring Report, Yakima Agricultural

Research Laboratory

3. 1. . - 0000013 Microfilm Reel Frame Begins 1 Ends 1

DATE: 11/08/91 PAGES: 397

AUTHOR: Douglas Geller/Hong West & Associates

ADDRESSEE: Lyndia Countee/USDA/ARS

ESCRIPTION: Transmits the raw laboratory data and QA/QC information for the

clean closure project, part 1

3. 1. . - 0000014 Microfilm Reel Frame Begins 1 Ends 1

DATE: 11/08/91 PAGES: 385

AUTHOR: Douglas Geller/Hong West & Associates

ADDRESSEE: Lyndia Countee/USDA/ARS

ESCRIPTION: Transmits the raw laboratory data and QA/QC information for the

clean closure project, part 2

3. 1. . - 0000015 Microfilm Reel Frame Begins 1 Ends 1

DATE: 11/19/91 PAGES: 144

AUTHOR: Hong West & Associates/

ADDRESSEE: U.S. Dept. of Agriculture/

ESCRIPTION: Yakima Agricultural Research Laboratory Closure Certification

Report, Hazardous Waste Septic System Remediation, Volume 1 of 2

3. 1. . - 0000016 Microfilm Reel Frame Begins 1 Ends 1

DATE: 11/19/91 PAGES: 245 AUTHOR: Hong West & Associates/ ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Yakima Agricultural Research Laboratory Closure Certification

Report, Hazardous Waste Septic System Remediation, Volume 2 of 2

3. 1. - 000001/ Microrium keei Frame Degins 1 Emms

DATE: 01/13/92 PAGES: 38 AUTHOR: Hong West & Associates/ ADDRESSEE: U.S. Dept. of Agriculture/

DESCRIPTION: Final Report, Yakima Agricultural Research Laboratory, Hazardous

Waste Septic System Remediation, Draft

3. 1. . - 0000018 Microfilm Reel Frame Begins 1 Ends 1

DATE: 07/22/92 PAGES: 72

AUTHOR: Gary A. Bruno/PRC Environmental Management, Inc.

ADDRESSEE: Paul Sonnenfeld/EPA

DESCRIPTION: Transmits analytical data for groundwater samples

3. 1. . - 0000019 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/20/92 PAGES: 2

AUTHOR: Paul Sonnenfeld/RCRA ADDRESSEE: Marcia Bailey/RCRA

DESCRIPTION: Operation and Maintenance Inspection Report

3. 1. . - 0000020 Microfilm Reel Frame Begins 1 Ends 1

DATE: 09/01/92 PAGES: 12

AUTHOR: Douglass Geller/Hong West & Associates, Inc.

ADDRESSEE: Lyndia Countee/USDA/ARS

DESCRIPTION: Preliminary Report on Results of Pesticide Drainpipe Removal at

YARL: Draft

3. 1. . - 0000023 Microfilm Reel Frame Begins 1 Ends

DATE: 09/01/92 PAGES: 15

AUTHOR: Douglas Geller/Hong West & Associates

ADDRESSEE: Lyndia Countee/USDA

DESCRIPTION: Cover letter and attached Preliminary Report on Results of

Pesticide Sing Drainpipe Removal at YARL: DRAFT

SUB-HEAD: 3. 2. . Certificate of Completion

3. 2. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

DATE: 01/24/92 PAGES: 2

AUTHOR: Alvin Humphrey/U.S. Dept. of Agriculture

ADDRESSEE: Kevin Schanilez [sic]/EPA

DESCRIPTION: Transmittal letter for Certification of Closure for Hazardous

Waste Septic Tank System, Raw Data Submittal, Quarter No. 5 Ground Water Monitoring Report and Closure Certificate Report

3. 2. . - 0000002 Microfilm Reel Frame Begins 1 Ends 1

DATE: 02/28/92 PAGES: 1
AUTHOR: Alvin Humphrey/U.S. Dept. of Agriculture

ADDRESSEE: Kevin Schanilez [sic]/EPA

DESCRIPTION: Letter re Certification of Closure for Hazardous Waste Septic

Tank System and supporting documents and U.S. Dept. of Agriculture's anxiety about finalizing the project

3. 2. - 0000003 Microfilm Reel Frame Begins 1 Ends 1

DATE: 03/23/92 PAGES: 1

AUTHOR: Kevin Schanilec/EPA

ADDRESSEE: Alvin Humphries [sic]/U.S. Dept. of Agriculture

DESCRIPTION: EPA and Ecology's review comments on the Closure Report

3. 2. . - 0000004 Microfilm Reel Frame Begins 1 Ends

DATE: 04/06/92 PAGES: 3

AUTHOR: Alvin Humphrey/U.S. Dept. of Agriculture

ADDRESSEE: Kevin Schanielec [sic]/EPA

DESCRIPTION: Transmits a detailed response by Hong West & Assoc. to a request

for additional information

3. 2. . - 0000005 Microfilm Reel Frame Begins 1 Ends

DATE: 08/07/92 PAGES: 2

AUTHOR: Douglas Geller/Hong West & Assoc.

ADDRESSEE: Alvin Humphrey/U.S. Dept. of Agriculture DESCRIPTION: Clarification of laboratory analysis QA/QC

SUB-HEAD: 3. 3. . Equivalency Determination

3. 3. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/13/92 PAGES: 1

AUTHOR: Alvin Humphrey/U.S. Dept. of Agriculture

ADDRESSEE: Dana Rasmussen/EPA

DESCRIPTION: Petition for Equivalency Determination

3. 3. . - 0000002 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/20/92 PAGES: 3

AUTHOR: Betty Wiese/EPA

ADDRESSEE: File/

DESCRIPTION: Equivalency Demonstration of Clean Closure in Compliance with

OSWER Policy Directive 9476.00-18

State Concurrence Letter SUB-HEAD: 3.4. .

Frame Begins 1 Ends 1 3. 4. . - 0000001 Microfilm Reel

DATE: 08/21/92 PAGES: 1

AUTHOR: Julie Atwood/Washington State Dept. of Ecology

ADDRESSEE: Alvin Humphrey/Agriculture Research Service

DESCRIPTION: Completion of Closure Activities

3. 4. . - 0000002 Microfilm Reel Frame Begins 1 Ends 1 2

DATE: 10/01/92 PAGES:

AUTHOR: Julie Atwood/Dept. of Ecology (DOE)

ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Fax cover letter and attached letter from Atwood (DOE) to Alvin

Humohrey (Agriculture Research Service) stating that DOE agrees

with no further action at the site

SUB-HEAD: 3.5. . Compliance with Closure

3. 5. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

PAGES: 2 DATE: / /

AUTHOR: Betty Wiese/EPA ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Memorandum: Letter stating that analyses of soil samples

indicate clean closure was achieved for Yakima Pesticide

Laboratory

HEADING: 4. 0. . HEALTH ASSESSMENTS

SUB-HEAD: 4. 1. . ATSDR Health Assessments

4. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends
DATE: 11/18/88 PAGES: 2

AUTHOR: Office of Health Assessment/Agency for Toxic Substances and

Disease Registry (ASTDR)

DESCRIPTION: Preliminary Health Assessment

HEADING: 5. 0. NATURAL RESOURCES TRUSTEES

SUB-HEAD: 5. 1. Correspondence

5. 1. - 0000001 Microfilm Reel Frame Begins 1 Ends 1
DATE: 08/05/92 PAGES: 2

AUTHOR: Lynda Priddy/EPA

ADDRESSEE: Chuck Clarke/Washington Dept. of Ecology

ESCRIPTION: Notification of Federal Natural Resources Trustees re planned

deletion of the site from the National Priorities List

5. 1. - 0000002 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/05/92 PAGES: 2

AUTHOR: Lynda Priddy/EPA

ADDRESSEE: Chris Mebane/DOC - NOAA Coastal Resource Coordinator

ESCRIPTION: Notification of Federal Natural Resources Trustees re planned

deletion of the site from the National Priorities List

5. 1. . - 0000003 Microfilm Reel Frame Begins 1 Ends 1
DATE: 08/05/92 PAGES: 2

AUTHOR: Lynda Priddy/EPA

ADDRESSEE: Charles S. Polytika/U.S. Dept. of the Interior, Regional

Environmental Officer

ESCRIPTION: Notification of Federal Natural Resources Trustees re planned

deletion of the site from the National Priorities List

HEADING: 6. 0. . PROPOSED PLAN

SUB-HEAD: 6.1. . Proposed Plan

6. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

PAGES: 8 DATE: 08/22/92

AUTHOR: Lynda Priddy/EPA

ADDRESSEE: /

DESCRIPTION: Proposed Plan for no further action

SUB-HEAD: 6.2. . Support Memo

6. 2. . - 0000004 Microfilm Reel Frame Begins 1 Ends 1

DATE: 07/24/92 PAGES: 3

AUTHOR: Bruce A. Woods/EPA ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Memorandum re : QA Comments on Data for the Yakima Agricultural

Research Laboratory: Draft

6. 2. . - 0000008 Microfilm Reel Frame Begins 1 Ends 1

DATE: 07/24/92 PAGES: 3

AUTHOR: Bruce A. Woods/EPA

ADDRESSEE: Lynda Priddy/EPA

ESCRIPTION: QA Comments on Data for the Yakima Agricultural Research

Laboratory

6. 2. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/18/92 PAGES: 38

AUTHOR: Bruce A. Woods/EPA ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Transmittal of data validation reports

6. 2. . - 0000002 Microfilm Reel Frame Begins 1 Ends

DATE: 08/19/92 PAGES: 1 AUTHOR: Patricia Cirone/EPA

ADDRESSEE: Carol Rushin/EPA

ESCRIPTION: Memo re remedial action goals

6. 2. . - 0000003 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/20/92 PAGES: 3

AUTHOR: Lynda Priddy/EPA ADDRESSEE: Pat Cirone/EPA

DESCRIPTION: Response to memo re remedial action goals action levels

6. 2. . - 0000005 Microfilm Reel Frame Begins 1 Ends 1

PAGES. 00 DATE: 08/28/92

AUTHOR: Bruce A. Woods/EPA ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Transmittal memorandum and attached Data Validation Reports for

Yakima Agricultural Research Laboratory (performed by ESAT Team

for semi-volatile(BNA), volatile (VOA), and metals fractions)

Frame Begins 1 Ends 1 6. 2. . - 0000009 Microfilm Reel

DATE: 08/28/92 PAGES: 68

AUTHOR: Bruce A. Woods/EPA ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Transmittal and Attached Data Validation Reports for Yakima

Agricultural Research Laboratory

6. 2. . - 0000006 Microfilm Reel Frame Begins 1 Ends 1

DATE: 09/17/92 PAGES: 1

AUTHOR: Carol L. Fleskes/Washington Dept. of Ecology

ADDRESSEE: Dana Rasmussen/EPA

DESCRIPTION: Letter concurring with EPA's selected "no further action" remedy

and intent to delete the Yakima Pesticide Laboratory site from

the National Priorities List

6. 2. . - 0000007 Microfilm Reel Frame Begins 1 Ends 1

DATE: 09/28/92 PAGES: 12

AUTHOR: Richard Jacobs/Emcon Associates

ADDRESSEE: Lynda Priddy/EPA

DESCRIPTION: Fax cover page and attached Data Validation Report [for] Yakima

Agricultural Research Laboratory

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## PESTICIDE LABORATORY YAKIMA (YARL) - A/R INDEX

6. 2. . - 0000010 Microfilm Reel Frame Begins 1 Ends
DATE: 10/05/92 PAGES: 1

AUTHOR: Donald Matheny/EPA

ADDRESSEE: Raleigh Farlow/EPA

DESCRIPTION: Review of Data Validation Report for Yakima Agricultural

Research Laboratory, EMCON Associates, September 28, 1992

HEADING: 7. 0. . PUBLIC PARTICIPATION

SUB-HEAD: 7. 1. . Correspondence

Frame Begins 1 Ends 1 7. 1. . - 0000002 Microfilm Reel

DATE: 02/23/87 PAGES: 1

AUTHOR: Mike McCormick/Washington State Dept. of Agriculture

ADDRESSEE: Lyn Frandsen/EPA

DESCRIPTION: Letter re citizen's possible exposure to pesticides

7. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends

DATE: 11/28/89 PAGES: 1

AUTHOR: Chuck Shenk/EPA

ADDRESSEE: George Sundstrom/U.S. Dept. of Agriculture

DESCRIPTION: Letter to notify recipient that the required public notice is

scheduled to appear on 12/15/89

SUB-HEAD: 7. 2. . Community Involvement Plan

7. 2. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/01/92 PAGES: 10

AUTHOR: EPA/

ADDRESSEE: /

DESCRIPTION: Community Involvement Plan for Site Deletion

SUB-HEAD: 7. 3. . Public Notices

7. 3. . - 0000001 Microfilm Reel Frame Begins 1 Ends

DATE: 11/15/89 PAGES: 4

AUTHOR: EPA/

ADDRESSEE: Yakima Herald - Republic/

DESCRIPTION: Public Voucher for Advertising

7. 3. . - 0000002 Microfilm Reel Frame Begins 1 Ends 1

DATE: 08/24/92 PAGES: 3

AUTHOR: EPA/

ADDRESSEE: /

DESCRIPTION: Public Notice and Opportunity to Comment RCRA Closure of a

Hazardous Waste Disposal Area

SUB-HEAD: 7. 4. . Public Meeting Transcripts

7. 4. . - 0000001 Microfilm Reel Frame Begins 1 Ends 1

PAGES: 5 DATE: 09/10/92 AUTHOR: Court Reporting Service/

ADDRESSEE: EPA/

DESCRIPTION: Public Hearing on Cleanup of Yakima Pesticide Lab Site, Yakima,

Washington

HEADING: 8. 0. . RECORD OF DECISION

SUB-HEAD: 8.1. . Correspondence

8. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends

3 DATE: 09/30/92 PAGES:

AUTHOR: Randall F. Smith/EPA

ADDRESSEE: Dana Rasmussen/EPA

ESCRIPTION: Memorandum: Approval of CERCA Record of Decision and

Construction Completion Determination and RCRA Clean Closure

SUB-HEAD: 8.2. . Record of Decision

8. 2. . - 0000001 Microfilm Reel Frame Begins 1 Ends

PAGES: 36 DATE: 09/30/92

AUTHOR: EPA/

ADDRESSEE: /

ESCRIPTION: Record of Decision Declaration, Decision Summary, and

Responsiveness Summary for Yakima Pesticide Laboratory Yakima,

Washington

**HEADING:** 9.0.. MEMORANDUM TO FILE

SUB-HEAD: 9.1. . Memorandum

9. 1. . - 0000001 Microfilm Reel Frame Begins 1 Ends

DATE: 06/18/93 PAGES: 2

AUTHOR: Tod Gold/EPA
ADDRESSEE: Records Center/

ECCRIPTION: Momorandum recommending that listed documents not in the AR at

the time the ROD was signed be included in the Administrative

Record for the Yakima Agricultural Research Laboratory